



Fish & Seafood

Axial roller grader

Designed for gentle size grading

The Cabinplant axial roller grader is designed for gentle and efficient size grading of various products according to thickness.

The inclination angle of the rollers, the capacity and the grading accuracy are product specific. Equipped with infeed vibrator ensuring maximum utilization of roller length. The axial roller grader handles up to 5 gradings.

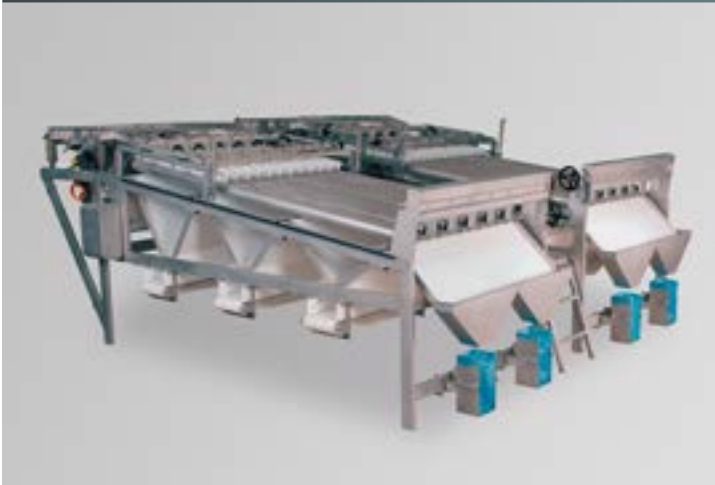
To ensure gentle product treatment each pair of rollers rotate towards each other, thus pushing the product upwards instead of squeezing it during the grading operation.

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Cabinplant®

Axial roller grader



Gentle product sorting

The machine is designed to convey the product without causing damage and to prevent that product is pulled through, which would result in incorrect grading accuracy. This is due to the specific rotation of the rollers. The result is smooth and gentle conveyance and sorting of product. For fresh products, grading is yet more facilitated by continuous spraying of water to create a film around the rollers.

The axial roller grader can be delivered according to the required capacity and each machine can grade up to five sizes.

Capacity

	Up to kg/lane
Shrimp, HO-SO	400
Shrimp, frozen/peeled	200
Sardines*	1500
Herring*	3000
Mackerel*	1500 - 3000

* Depending on size

Dimensions mm

Length	Height	Width
5400	3500	*

* Depending on size

Advantages

- Strong design
- Low water consumption
- Gentle product handling due to rotating rollers
- Food-grade materials
- Hygienic design
- Easy to clean
- Easy to adjust

Application

- Shellfish
- Warm water and cold water shrimps, raw or IQF
- Mussels
- Herring
- Mackerel
- Sardines
- Sprats
- Various vegetables

Functionality

- Uniform feeding by vibrator
- Separation of product particles and snow/ice in vibrator
- Grading of product by means of rotating rollers
- Various gradings
- Easy to adjust for optimization and grading sizes
- Several options depending on product